

Serial No. **09/893,687**
Amendment dated January 30, 2006
Reply to Office Action of August 30, 2005

Docket No. **K-0298**

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 - 7 (Canceled)

8. (Currently Amended) A method for operating a product selling system, comprising:

providing access to a web server of a product selling enterprise through a client network;

allowing searching for a required product;

modeling a three dimensional (3D) image of the required product and displaying a corresponding 3D image of the required product on a web page;

simulating a 3D installation of the product in a venue in which the product is to be installed and displaying the simulated 3D installation on the web page, wherein a 3D image of the venue is generated based on a purpose of a building, an inside volume, an estimated number of persons in a room, an inside material, a type of ventilation system, an internal structure, or a flow number on which the product is to be installed; and

receiving information required for selling the product if a purchase order for the

product is received, returning to a prior step if a cancel order is received, and repeating the foregoing steps if a request for a search for alternative products is received.

9. (Previously Presented) The method as claimed in claim 8, wherein allowing searching for a required product further comprises retrieving information for a plurality of products and displaying the plurality of products and related information on the web page.

10. (Previously Presented) The method as claimed in claim 8, wherein allowing searching for a required product further comprises receiving information related to a required product and searching for a product that falls within a required specification.

11. (Previously Presented) The method as claimed in claim 10, wherein the information related to the required product includes structural information related to an installation site of the product and an intended use of the product.

12. (Previously Presented) The method as claimed in claim 8, wherein the product is a product which is intended to be installed and used in a building.

13-14.(Canceled)

15. (Currently Amended) The method as claimed in claim ~~14~~8, wherein the information related to the venue in which the product is to be installed includes an allowable load.

16. (Previously Presented) The method as claimed in claim 15, further comprising:
receiving the allowable load when information related to the venue in which the product is to be installed is received;
selecting a product which is appropriate for the allowable load; and
displaying the appropriate product and related information.

17. (Currently Amended) The method as claimed in claim ~~13~~8, further comprising:
selecting at least one product which meets requirements related to the venue information; and
displaying a corresponding 3D image of the selected product on the web page after receiving the information related to the venue in which the product is to be installed.

18. (Currently Amended) The method as claimed in claim ~~13~~8, further comprising:
selecting a 3D sample image of at least one internal structure of a building which corresponds to the venue information; and

displaying the 3D sample image on the web page.

19. (Previously Presented) The method as claimed in claim 8, further comprising:
receiving information on a venue in which the product is to be installed after displaying
the corresponding 3D image of the required product on the web page.

20. (Canceled)

21. (Currently Amended) The method as claimed in claim ~~20~~19, wherein the
information on the venue in which the product is to be installed includes an allowable load.

22. (Previously Presented) The method as claimed in claim 21, further comprising:
receiving the allowable load when information on the venue in which the product is to
be installed is received;

selecting a product which is appropriate for the allowable load; and

displaying the appropriate product and related information.

23. (Previously Presented) The method as claimed in claim 19, further comprising:
selecting at least one product which meets requirements related to the venue

information; and

displaying a corresponding 3D image of the selected product on the web page after receiving information related to the venue in which the product is to be installed.

24. (Previously Presented) The method as claimed in claim 19, further comprising:
selecting a 3D sample image of at least one internal structure of a building which corresponds to the venue information and displaying the 3D sample image on the web page.

25. (Previously Presented) The method as claimed in claim 8, wherein simulating a 3D installation and displaying the simulated 3D installation on the web page includes providing a drag and drop capability by which a 3D image of a product may be dragged and dropped onto a 3D image of an internal structure of a building displayed on the web page.

26. (Previously Presented) The method as claimed in claim 8, wherein simulating a 3D installation and displaying the simulated 3D installation on the web page includes providing a 3D movement of the 3D product image and zooming in and out functions.

27. (Previously Presented) The method as claimed in claim 26, wherein the 3D movement and the zooming in and out functions are controlled by at least one input device.

28. (Previously Presented) The method as claimed in claim 8, wherein simulating a 3D installation and displaying the simulated 3D installation on the web page further comprises allowing for repositioning the 3D product image to adjust an installation position of the product in real time.

29. (Previously Presented) The method as claimed in claim 8, wherein searching for a required product further comprises:

providing access to a web page based on a classification, wherein a classification is based on a purpose of access and a level of expertise; and

selectively providing products and related information based on the classification.

30. (Previously Presented) The method as claimed in claim 29, further comprising:
providing a first set of information for an individual, non-expert classification;
and

providing a second set of information on a plurality of products and receiving additional information for an expert classification, wherein the second set of information is more detailed than the first set of information.

31. (Previously Presented) The method as claimed in claim 30, wherein the second set

of information includes the first set of information.

32. (Previously Presented) The method as claimed in claim 30, further comprising:
enabling a 3D graphic representation of a selected building by using a graphic program
in communication with the web page when a request for a types of buildings option is received;
and

placing a selected product into the enabled 3D graphic representation of a selected
building for simulation of installation.

33. (Previously Presented) The method as claimed in claim 30, further comprising:
receiving drawings of a building;
representing the building in a 3D graphic image using a separate graphic program in
communication with the web page; and

placing a 3D graphic image of a selected product into the 3D graphic image of the
building for simulation of installation.

34. (Previously Presented) The method as claimed in claim 30, further comprising:
comparing information related to a plurality of products stored in a data base to design

drawings of a building; and

selecting a product and fitting the product to an internal structure of the building on the design drawings.

35. (Previously Presented) The method as claimed in claim 34, further comprising:
receiving an email with a file containing design drawings which have been converted into data.

36. (Previously Presented) The method as claimed in claim 35, wherein fitting the product to the internal structure of the building includes applying the product to the design drawings of the building that have been converted into data, and transmitting the product fit to the internal structure in an e-mail.

37. (Previously Presented) The method as claimed in claim 34, wherein selecting a product and fitting the product to the internal structure of the building includes simulating an application of the product to the internal structure of the building on the design drawings, and displaying the simulation on the web page.

38. (Previously Presented) The method as claimed in claim 8, further comprising:

storing client information required for a purchase in a data base when a purchase order is received by the web server of the product selling enterprise.

39. (Previously Presented) The method as claimed in claim 38, wherein the client information required for a purchase includes a type of product, a quantity of products, and a delivery due date of the product.

40. (Previously Presented) The method as claimed in claim 38, further comprising:
providing an option proportional to a total amount of money involved when the product selling enterprise receives the client information required for a purchase.

41. (Previously Presented) The method as claimed in claim 40, wherein the option includes at least one of a discount ratio proportional to a total amount of money involved, separate goods, a cash rebate, and a discount ratio applicable when purchasing a product of the product selling enterprise and other enterprises associated with the product selling enterprise.

42. (Previously Presented) The method as claimed in claim 12, wherein the product comprises one of a heating/cooling appliance, an electronic appliance, a sink, a cupboard, furniture, lighting fixtures, interphones, elevators, or escalators.

43. (Previously Presented) The method as claimed in claim 15, wherein the product comprises a home appliance.

44. (Previously Presented) The method as claimed in claim 16, further comprising:
performing a calculation based on the information provided; and
selecting an appropriate product based on a result of the calculation.

45. (Previously Presented) The method as claimed in claim 16, wherein the related information comprises a model number of the selected product.

46. (Previously Presented) The method as claimed in claim 21, wherein the product comprises a home appliance.

47. (Previously Presented) The method as claimed in claim 33, wherein the building comprises an existing structure.

48. (Previously Presented) The method as claimed in claim 34, wherein the building comprises a structure which has not yet been built.

49. (Currently Amended) A method for selling a product, comprising:

- providing access to a web server of a product selling enterprise;
- receiving an appropriate classification from a plurality of classifications based on a purpose of access and a level of expertise;
- searching for a required product;
- providing a first set of information related to the required product for an individual, non-expert classification;
- receiving additional information related to installation requirements for the required product including drawings of a building into which the required product is to be installed, and providing a second set of information related to the required product for an expert classification;
- simulating a three dimensional (3D) installation of the required product and displaying the simulated installation on a web page; and
- repeating the searching, providing, receiving, and simulating steps until a purchase order is placed.

50. (Currently Amended) The method for selling a product of claim 49, further comprising:

~~receiving drawings of a building into which the required product is to be installed~~

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~~for an expert classification;~~

representing the building in a 3D graphic image based on the drawings received;

and

positioning a 3D graphic image of a selected product in the 3D graphic image of the building and simulating an installation of the product in the building.